

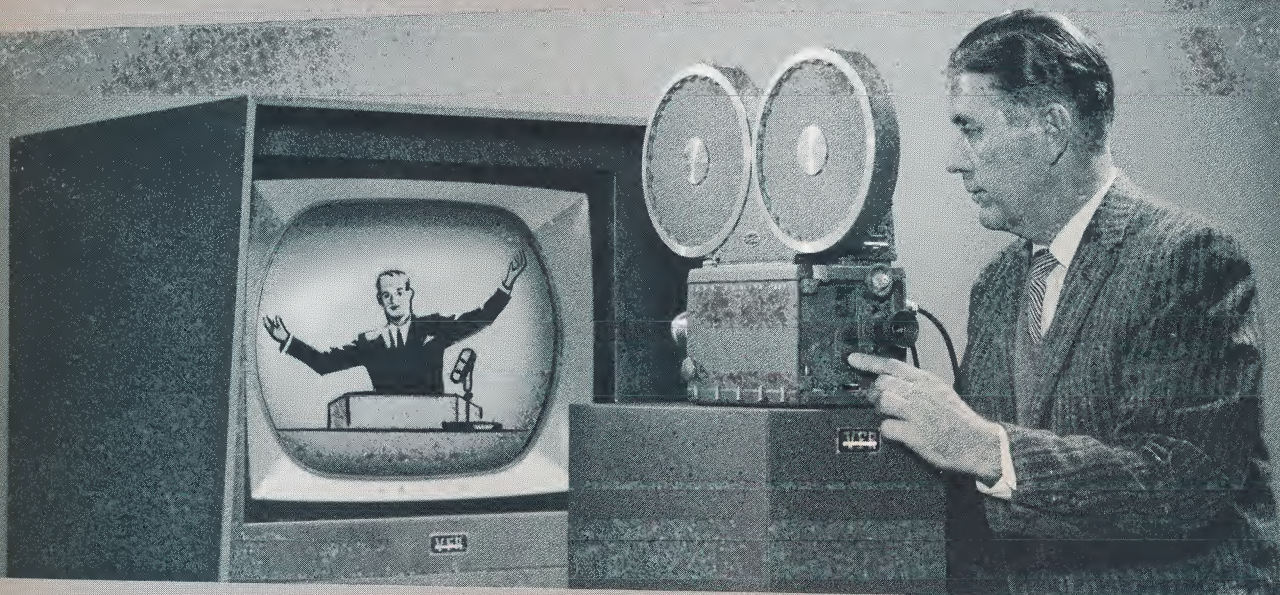
BACH AURICON

VFR

VIDEO FILM RECORDING

WITH "TV-T" TELEVISION TRANSCRIPTION SHUTTER
(BACH AURICON U.S. PATENT 2,677,012)

*...the practical low-cost method for reliable recording
of closed-circuit TV picture and sound for future reference!*



- Auricon "VFR" Cameras are equipped with special "TV-T" Television Transcription Shutter mechanism which transforms the image displayed on any standard closed-circuit television monitor into clear, steady motion pictures, with high-fidelity sound.



Sound Motion Picture Equipment for Business and Industry Since 1931

AURICON, TV-T, FILMAGNETIC, VFR, MODULITE, ARE TRADE-MARKS OF BACH AURICON, INC.

IN YOUR BUSINESS...are you
preserving your closed-circuit television
information for future reference?

BACH AURICON VFR

is the practical, low-cost method!

"VFR"... A Video Film Recording is a motion picture film of information or pictures appearing on a closed-circuit television monitor. Video Film Recordings of TV picture and sound are taken by an Auricon 16mm Sound-On-Film Camera equipped with a special "TV-T" Shutter mechanism which transforms the television image into clear, steady motion pictures, with high-fidelity sound.

These VFR films can be shown on a standard 16mm sound projector, with picture and sound always in perfect synchronism.

An Auricon "VFR" Video Film Recording is the practical low-cost method of preserving closed-circuit television information for future reference. Closed-circuit television is now a major tool for industrial and commercial applications, and a permanent record of the material appearing on the television monitor is often of major importance. The Bach Auricon "VFR" Sound Camera is the vital link in this system that provides a permanent record whenever needed.

Let us consult with you about your applications for the Auricon "VFR" Video Film Recording System in your business. No obligation, of course!



THE
BACH
Auricon
VFR
SYSTEM

BACH AURICON VFR

FACTS & FEATURES

TV-T SHUTTER

Auricon VFR Equipment is provided with a special "TV-T" (Television Transcription) Shutter mechanism which transforms the television image into clear, steady motion pictures, with high-fidelity sound.

LOW-COST OPERATION

The average film with sound and picture, ready for projection, costs \$6.00 per 100 feet, which runs 2¾ minutes.

FILM

Eastman Kodak or Dupont Kinescope Recording Films are recommended for best VFR results.

PROCESSING

Any commercial laboratory can process Auricon Video Film Recordings.

EASY TO OPERATE

Auricon VFR Equipment is "human-engineered" for easy operation by your own personnel who have had no previous experience with motion picture equipment. All controls are clearly marked. A touch of a button starts the Video Film Recording operation.

FILMAGNETIC

This is an optional feature on your Auricon VFR Equipment which enables you to record lip-synchronized magnetic sound, on pre-stripped film. Normal processing is used and film plays back on any 16mm Magnetic Sound Projector.

ACCESSORIES FOR VERSATILE USE

To enable you to use your Auricon VFR Equipment for other applications, including training films, industrial motion pictures, etc., a wide range of accessories is available including tripod, Portable Power Supply Unit and many others. Write for complete Auricon Catalog.

How many of these
VFR APPLICATIONS
can work for you in
your business?



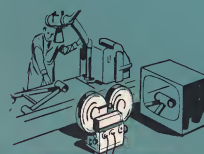
BANK PROTECTION

When the alarm button is pushed by the bank teller, the Auricon VFR Camera immediately starts filming the suspect.



FOILING SHOPLIFTERS

Shoplifter suspect can be photographed by the store detective, for use as evidence, using the Auricon VFR System.



X-RAY INSPECTION

The X-ray image is picked up by the TV camera which transmits it to the television monitor as an immediately visible picture for recording by Auricon VFR Equipment.



CHECKING TV COMMERCIALS

With Auricon VFR Equipment, air checks of TV commercials and other programming can be made by sponsors and advertising agencies.



BUSINESS MEETINGS

Films of sales meetings and technical conferences can be easily produced with the Auricon VFR System and thus be available to staff personnel based anywhere in the world!



MEDICAL

Color motion pictures of surgical operations, together with any physical parameters displayed on the TV monitor, can be recorded with Auricon VFR Equipment.



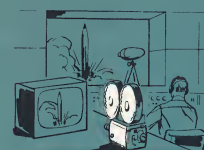
EDUCATION

Classroom instruction via closed-circuit TV monitor or public TV programming, can be recorded by Auricon VFR Cameras for later reference and continuous classroom use.



RESEARCH

Close-up motion pictures of highly critical and frequently dangerous research experiments can be filmed in remote-location safety with Auricon VFR Equipment.



INSTRUMENTATION

Photographic and electronic information of all kinds can be recorded by Auricon VFR Cameras for synchronized readout within minutes, for evaluation by engineers and technicians.



AIR TRAFFIC CONTROL

The complex problems of air traffic control in the Jet Age can be clarified and simplified by recording visual and voice communication with Auricon VFR Equipment.

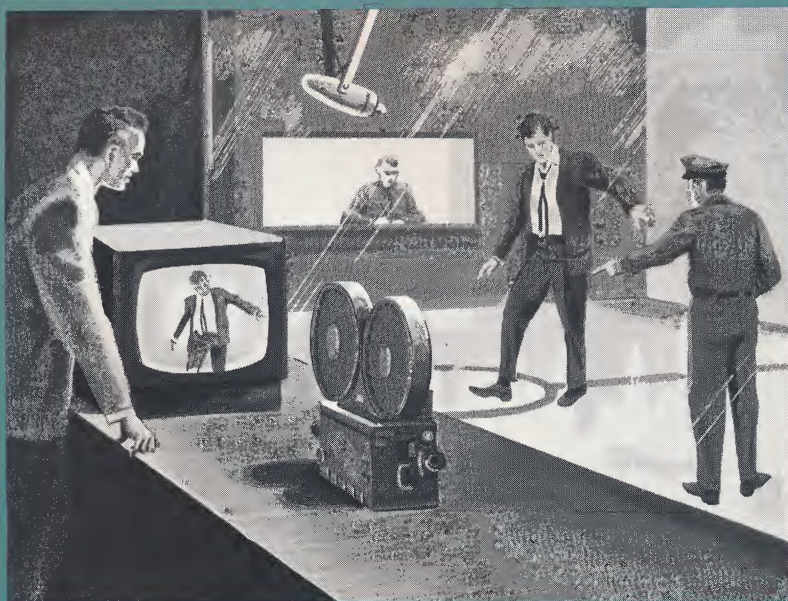
IMPORTANT VFR NEWS FOR LAW ENFORCEMENT OFFICIALS!

AURICON VFR Equipment is an ideal system for obtaining the *conclusive evidence* needed in Law Enforcement Work. For example, preserving closed-circuit television information in drunk driver cases can be vital in reducing costly jury trials formerly needed to secure convictions.

The suspects' uncoordinated actions combined with his lip-synchronized words are captured on the same film at the same time, using Auricon VFR Equipment. When the drunk driver suspect sees and hears himself on Sound-Film, the plea is usually guilty!

Non-erasable Optical Sound Tracks are admissible as material evidence in a court of law, whereas magnetic tape recordings can easily be erased or altered.

Law Enforcement Officials in many cities are saving the taxpayers substantial sums frequently running into six figures annually, by the use of Auricon Equipment.



BACH AURICON VFR FOR LAW ENFORCEMENT

• Write for special Catalog showing how Auricon "Talking Picture" Cameras can help your city in Law Enforcement Work.



WHAT ARE YOUR REQUIREMENTS FOR AURICON "VFR" VIDEO FILM RECORDING?

We will be glad to consult with you by mail, telephone or at our Hollywood offices, about your applications for Auricon "VFR" Video Film Recording, without cost or obligation to you. Telephone HOLLYWOOD 2-0931.

ALL BACH AURICON VFR EQUIPMENT IS
BACKED BY THIS FAMOUS GUARANTEE...



BACH AURICON, Inc.
6900 Romaine St., Hollywood 38, Calif.
HOLLYWOOD 2-0931

GUARANTEE
All Auricon Equipment is sold with
a 30-day money back Guarantee
and a 1 year Service Warranty.
You must be satisfied!

VFR

VIDEO FILM RECORDING

WITH "TV-T" TELEVISION TRANSCRIPTION SHUTTER
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INSTRUCTIONS FOR USE OF AURICON TeleVision-Transcription "TV-T" Shutter...

Line up the Auricon Camera equipped with "TV-T" Shutter on a television set or TV Station monitor tube which has been adjusted to produce a full-frame rectangular picture without rounded corners, with the picture somewhat smaller than the face of the picture tube. The picture edges should be straight with no "keystone" effect and the set adjusted to produce as perfect an image as possible. Since the photographed image depends on the TV receiver image quality, an efficient directional-antenna should be used to reduce picture ghosts and interference to an absolute minimum, when doing kinescope recording "off the air".

The Auricon Super-1200 Camera may be lined up with the kinescope picture-tube image and checked for position and focus by using the built-in Super-1200 ground-glass-focus system. A ground-glass focussing-prism and magnifying-lens are available from Auricon, for lining up and checking the focus on the Auricon Pro-600 and Cine-Voice Cameras.

A small exposure meter can be mounted permanently just outside the camera range and facing the kinescope tube image so the picture brightness can be set to the same reading each time the setup is used. The kinescope picture during recording should look fairly flat with good definition and grey scale. High contrast should be avoided. A 1-inch or 2-inch focal length F/1.4 to F/1.9 lens should be used at the widest F stop. Do not "stop down" the lens! Exposure should be controlled by adjusting the set to the proper brightness to match the film emulsion and processing you will use. This can be determined by running film tests while varying the kinescope picture image brightness, developing the film and selecting the most satisfactory test. (Announcements of picture tube brightness as indicated on the exposure meter can be made on the sound track for later identification.)

The kinescope picture tube used in the set can be of the standard type used in home receivers. Plain white kinescope tubes produce a little sharper definition than so-called "black daylight" or aluminum-backed tubes. Blue-image kinescope tubes can be used but the persistence of the phosphor should not be faster than the P-11 tube, which is a medium-persistence type tube. Low persistence tube-phosphors (Each frame or scan on tube fades away almost instantly 30 times per second.) will give some trouble with "shutter bar" images when recorded on film.

Choice of film is optional. As a negative, Eastman Background-X, Eastman Plus-X or DuPont 930-A provide good results.

For reversal processing, we recommend DuPont 930-A or Eastman Plus-X film.

For any type of film processed as a "single-system" negative to be used for making release prints, we strongly recommend a variable-density sound track. The low contrast "gamma" needed for the TV-T picture negative is the same low contrast required for a variable-density sound-track and thus there is no compromise required for combined picture plus sound-track, during processing.

Write for your free copy
of Auricon "VFR" Brochure



...the practical, low-cost method
of recording closed-circuit TV picture
and sound for future reference!

(continued - over)



AURICON MODEL PS-15 PORTABLE POWER-SUPPLY UNIT, in Fabricoid-covered "Self-Blimped" Carrying Case for noiseless operation when used in the sound recording Studio or on Location. Generates 115 volt AC power to run Cine-Voice II Camera from your automobile battery. Spring Clips are provided for connecting to your 6 volt or 12 volt battery. Provides exact frequency to run your camera at its correct sound-speed. Does not vary in frequency output like most commercial DC-AC convertors.

Net weight 11 pounds...To run 115 volt, 60 cycle, Cine-Voice II \$ 86.75
To run 115 volt, 50 cycle, Cine-Voice II \$ 94.50

(Please specify to run from either 6 volt battery or 12 volt battery. Also specify either 50 cycle, or 60 cycle.)



ZOOM-LENS DOOR, without finder, for Cine-Voice II Camera (for use with zoom-type Lenses which provide their own zoom-finder as a part of the Lens) \$ 68.50



FOCUSING PRISM & MAGNIFIER for use with Cine-Voice II Camera. Prism slips into Camera gate in place of film without use of tools. Provides critical ground-glass full-frame focusing and shows enlarged image of picture in Camera gate, for lining-up and focusing Titles, TV Picture-tube images, photomicrography, etc., after which the Prism is removed and film threaded as usual in the Camera gate. Focusing Prism and Hand-Magnifier, complete in box with instructions. \$ 19.50



MICROPHONE WIND-SCREEN, for Cine-Voice II, Model E-6 Microphone. Eliminates wind-noise rumble in your recordings when working outdoors on a windy day. Net weight ½ oz. \$ 13.75



MICROPHONE EXTENSION-CABLE, 50 ft., with Connectors (Please specify Amplifier Model Number when ordering). Extends standard 50 ft. Cine-Voice II Microphone Cable to 100 ft. overall length. Net weight 2 pounds. \$ 12.50



AURICON DUAL PHONOGRAPH-TURNTABLE, MODEL DPT-10, plays your phonograph records onto film sound-track (Please furnish Model Number of your Amplifier when ordering Phonograph-Turntable). Net weight 47 pounds. \$ 245.00



STEP-DOWN TRANSFORMER (Auricon Model K 4142) is available to run 115 volt Cine-Voice II Camera motor from 220 volt A.C. Net weight of Transformer 4½ pounds. Can be used for both 50 or 60 cycle A.C. \$ 18.50

NOTE 2: All Cine-Voice II Cameras are available with either 50 cycle or 60 cycle 115 volt A.C. motor. Please specify camera-motor frequency wanted, when ordering.

NOTE 3: See Auricon General Price List for "C" Mount Lenses to fit Cine-Voice II Camera.

MAIL YOUR ORDER TO: **BACH AURICON, Inc.**

6900 Romaine St.
Hollywood 38, California (U.S.A.)

(We also specialize in World-Wide Insured-Safe Export Shipments)

Telephone: Hollywood 2-0931

Telegram Address: **BACH AURICON**
FAX, Hollywood, Calif.

Cable Address: BERNDTBACH,
Hollywood, California (U.S.A.)



MANUFACTURERS OF SOUND-ON-FILM
RECORDING EQUIPMENT SINCE 1931



NOTE 4: Prices Subject to Change Without Notice.